CLAIMS

I claim:

1. An adjustable grip handle of luggage compartment comprising:

a pull handle, provided at one side of the luggage compartment;

a grip handle, provided at the top of the pull handle;

a button, mounted at the top of the grip handle;

a connecting base, provided at the bottom of the grip handle to make the grip handle rotate round the pivot. And, the bottom of the connecting base is mounted with an insert unit at the top of the pull handle;

a linkage bar, which is vertically provided within the grip handle. The top of the linkage bar is activated by the button while the bottom of the linkage bar is extended to the base of the grip handle;

a rotary bar, provided with a revolving pivot, is provided at the bottom of the linkage bar to make the bar end swing as seesaw. The first bar end of the rotary bar is connected to the bottom of the linkage bar for its activation;

a fixation pin, provided at the back end of the rotary bar. The fixation pin can shift vertically along a preset track inside the grip handle. The top of the fixation pin is connected to the second bar end of the rotary bar, which can activate it to shift vertically. When shifting downwards, the bottom of the fixation pin can protrude from the base of the grip handle. And, the top of the fixation pin is mounted with an elastic member to let the fixation pin elastically push downwards;

two fixation holes or more, separately arranged at the top of the connecting base, of which the first fixation hole can be joined with the base of fixation pin when the grip handle stands upright, and the second fixation hole can be joined with the base of fixation pin when the grip handle stands by a preset degree of curvature. Thus, it is possible to insert the base of fixation pin into the corresponding fixation hole so as to fix the angle of grip handle.

2. The adjustable grip handle defined in Claim 1, wherein said grip handle is of a type, which has connecting bars at the left and right sides and a horizontal handle between the connecting bars. And, two groups of button, connecting base, linkage bar, rotary bar and fixation pin as well as two fixation holes are provided symmetrically within the connecting bars at the left and right sides of the grip handle. Besides, a horizontal transmission member is provided between the tops of left and right linkage bars so as to connect left and right linkage bars. Thereupon, it is possible to activate simultaneously left and right linkage bars when pressing any button.

3. The adjustable grip handle defined in Claim 2, wherein said horizontal transmission member comprises a balance pressure bar, internal/external gliding base and left/right transmission block. The left and right transmission blocks is of right-angled triangle type, which are connected at both sides of horizontal handle of the grip handle via the help of shaft axle, and also placed at the tops of left and right linkage bars. The balance pressure bar is horizontally provided within horizontal handle of the grip handle, with its bottom of both sides separately spanning over left and right transmission blocks. And, a spring is arranged between its bottom side and the lower wall of the horizontal handle so as to uplift elastically the balance pressure bar. The topside of the balance

pressure bar is separately arranged with left and right stair-shape convexes. The internal and external gliding bases are provided at the upper side of the balance pressure bar for parallel connection. The outer side of internal and external gliding bases is separately connected to left and right buttons while the inner side is provided with inclines and separately connected to left and right stair-shape convexes of the balance pressure bar. The intermediate section of internal and external gliding bases is provided with a hollow notch. A rebound spring is placed between a notch wall at one side and a fixed wall of the horizontal handle, so as to enable internal and external gliding bases to push elastically towards the button.

4. The adjustable grip handle defined in Claim 2, wherein said horizontal transmission member is horizontally placed within the horizontal handle of the grip handle, and its both ends are connected to the transverse handle at the top of left and right linkage bars. Hence, a single-element button is a preferred option, for the button can be provided at the topside of the center of the horizontal handle, while a convexity can be arranged at the topside of the center of the transverse handle to abut upon the bottom of the button. Thereupon, when pressing the button, it will suppress the convexity to push down the transverse handle, and then activate left and right linkage bars to shift downwards.

5. The adjustable grip handle defined in Claim 1, wherein said grip handle is also available with a T type or a single button type.

6. The adjustable grip handle defined in Claims 1, 2, and 5, wherein said fixation pin can be provided with a square cross section with its bottom of a flat cone head.

7. The adjustable grip handle defined in Claims 1, 2, and 5, wherein said fixation pin is also of a cylinder type.